NETWORK DELAY IDENTIFICATION METHOD AND APPARATUS

Abstract of the Disclosure

Network delay is determined in order to synchronize a clock in a mobile station with a reference clock. Tone are generated that represent a sequence of bits in a synchronization flag. The tones are sampled beginning at a selected sample start time. The sampled tones are demodulated to identify the bit values in the synchronization flag. The demodulator is synchronized with the sampled tones in the synchronization flag by shifting the sample start time until the samples generate an optimum synchronization value. A reference time is then identified according to the optimum sample start time.